

## CLAIMS

1. Electronic watch having a compass function and analogue display means provided with two hands for displaying the time in a time display mode and the direction of north in a compass mode, said watch including a magnetic field direction sensor, associated with electronic circuits arranged to process the signals from said  
5 sensor and to control the display means to indicate the direction of north,  
wherein, in the compass mode, the direction of north is indicated by means of said two hands set in aligned positions.
2. Watch according to claim 1, including a bezel that bears azimuth markings.  
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3. Watch according to claim 2, wherein the bezel is a rotating bezel.
4. Watch according to claim 1, wherein the magnetic field direction sensor is mounted on a printed circuit board on which said electronic circuits and time-keeping  
15 circuits are also mounted.
5. Watch according to claim 4, wherein the printed circuit board is rigid and constitutes a plate supporting analogue display elements including at least an electric motor for driving said hands.  
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6. Watch according to claim 5, wherein said electric motor has two rotors each driving a respective one of said hands.
7. Watch according to claim 4, wherein the printed circuit board also carries a pressure sensor and electronic circuits arranged to receive an output signal from the pressure sensor and to control display means accordingly.